UNIT MOVEMENT DATA

UMODA03
TBOLC 500-500-09
MWOBC 882X1B03

References

FORSCOM/ARNG Reg 55-1: *Unit Movement Planning* ,Chapter 1

FORSCOM/ARNG Reg 55-2: *Unit Movement Data Reporting* ,Chapters 2 and 4

TB 55-46-1: *Standard Characteristics for Transportability of Military Vehicles and Other Outsized/Overweight Equipment*

Scope of Lesson

- **Unit Movement Data Information Systems and Reports**

- **TB 55-46-1**

Unit Movement Data Defined

"Unit Movement Data (UMD) is a list of equipment

and supplies the unit plans to deploy to accomplish

its mission. It includes the transportability data

necessary to plan the move."

Ref: FORSCOM/ARNG REG 55-1 pg 6

UMD - General

- UMD - The information of record for planning & executing movement of Army units (AC & RC)
- All deployable units (Active Component, Army National Guard and U.S. Army Reserve) are responsible for updating UMD & ensuring data is maintained accurately (using the Transportation Coordinators'-Automated Information for Movements System II [TC AIMS II] & updates transmitted to FORSCOM
- Supporting Installations & Mobilization Stations support units for UMD update and reporting

f: FORSCOM Reg 55-2 pp.1, 3/4

UMD Information Systems

AIMS II (Transportation Coordinator Automated Information for Management System Two)

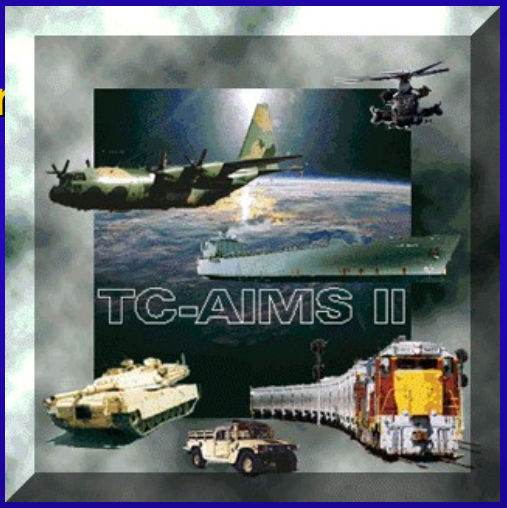
MPASS (Computerized Movement Planning and Status Syster

PES (Joint Operational Planning and Execution System)

CCS (Global Command and Control System)

RG II (Joint Force Requirements Generator)

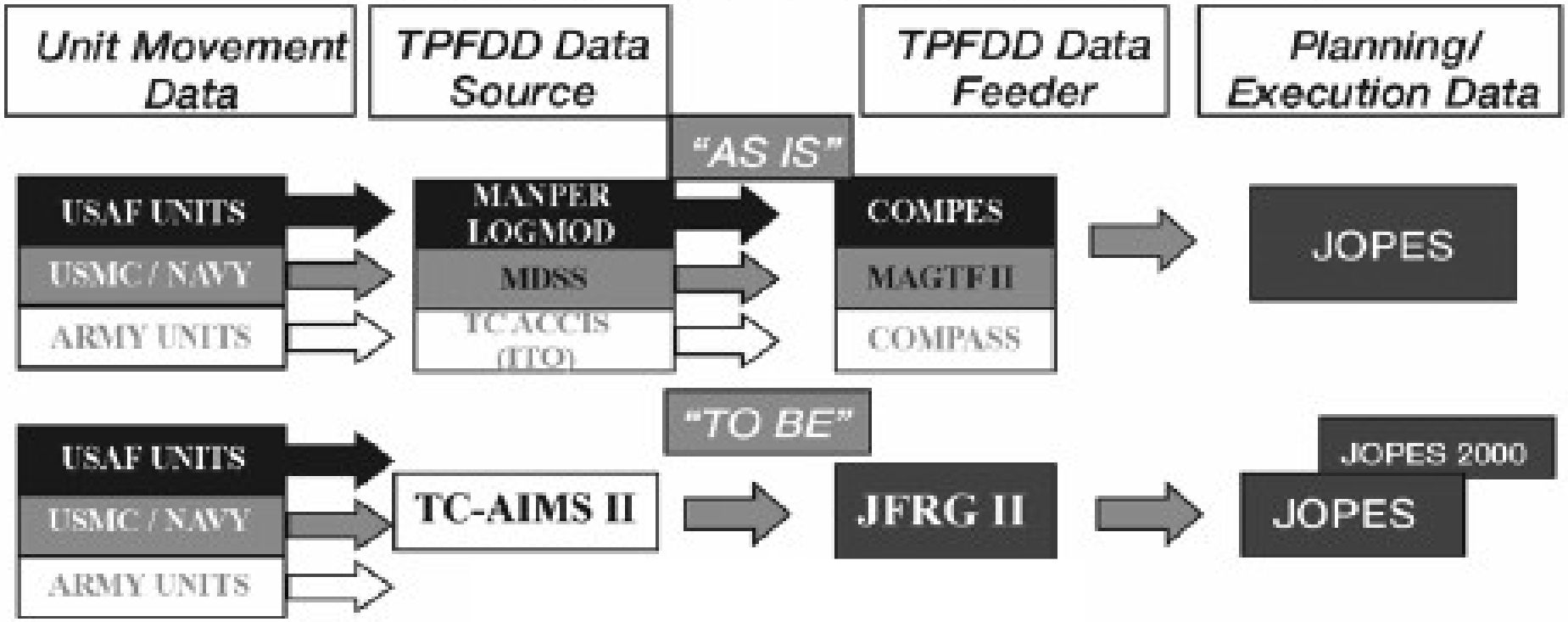
CCIS (Transportation Coordinator Automated Command and Control Information System)



Joint Deployment Information Systems Improvement

Leveraging Current Capabilities

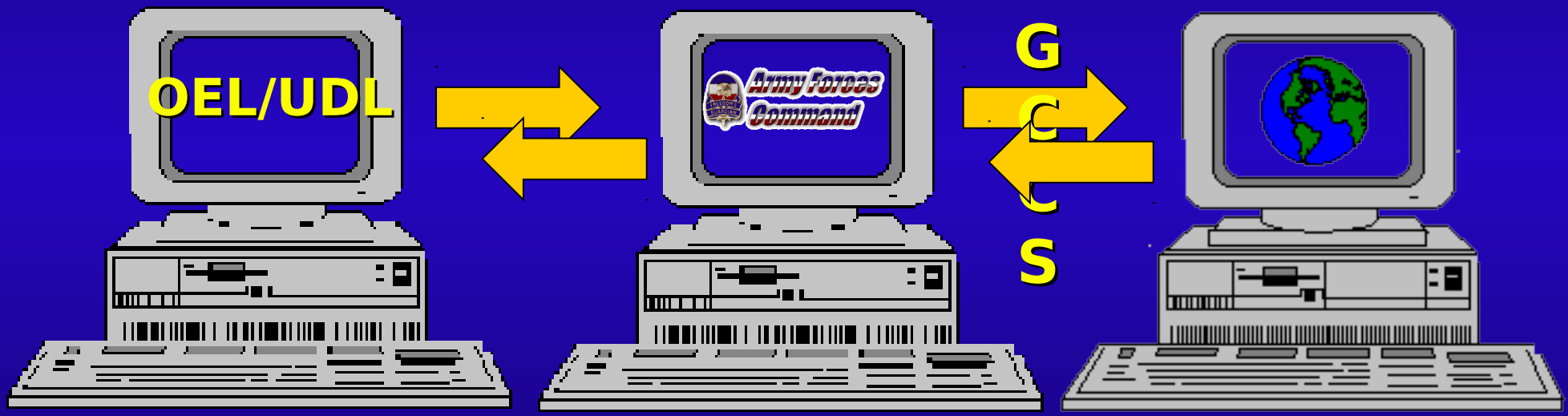
Preparing for Future Technological Advances



Ref: FM 3-35.4, p.1-8

TC-AIMS II Information Flow

UMC / ITO MACOM(FORSCOM) JCS



TC-AIMS II JFRG II / COMPASS JOPES

UNCLASSIFIED SECRET

Computerized Movement Planning and Status System (COMPASS)

- FORSCOM's information system & database
- Provides accurate & timely UMD to DOD, JCS, HQDA, Army installations & units
- Database supports planning & execution
- TC-AIMS II is the primary source of UMD submission into COMPASS

ef: FORSCOM Reg 55-2 p.5

TC-AIMS II

- Transportation Coordinators'-Automated Information for Movements System II
- Automated system used by units and installations for updating & maintaining UMD

UMD Update & Maintenance Requirements

- FORSCOM requirements dictate that UMD must be current & accurate at all times
- FORSCOM requires UMD to be validated at least annually by all units & updated whenever a *significant change* in transportation requirements occurs

Significant Transportation Requirement Change

- Significant transportation change: Any increase or decrease in unit movement requirements that results in:
  - Addition or subtraction of one or more rail cars, semi-trailers, trucks, passenger conveyances (buses)
  - Requires the allocation of more (or less) aircraft or ship deck space

Ref: FORSCOM Reg 55-2 pp.5/6

No Change Reports

- A "No Change" report must be submitted by units with no changes to report for the update period
- The UMC processes the "No Change" report with other units' updates

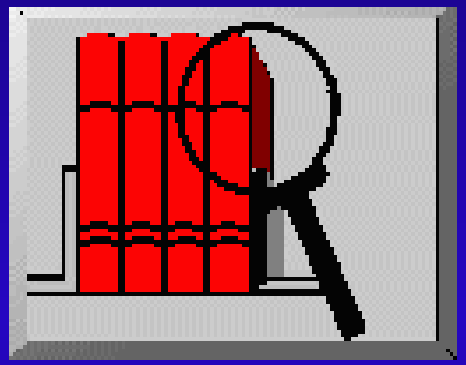
Ref: FORSCOM Reg 55-2 p.6

Organizational Equipment List (OEL)

- OEL - Most commonly used UMD report
  - Contains:

    Lists individual pieces of unit equipment and provides their dimensional characteristics, mode of transportation to the POE and square footage

FORSCOM Reg 55-2, Data Reference Tables

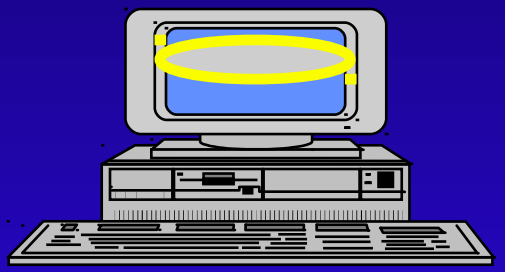


- Reference: FORSCOM Reg. 55-2, Chapter 4
- Data Reference Tables for OEL Reports (Figures 4-1 and 4-3)
- Explains key data elements (Figures 4-2 and 4-4)

Unit Deployment List (UDL)

- UDL - An OEL tailored to reflect the actual equipment being deployed for a specific operation/exercise
- OEL must be developed to show actual movement requirements

TC-ACCIS/TC-AIMS II Terminology



TC-ACCIS	TC-AIMS II
AUEL (OEL)	Organizational Equipment List
DEL	Unit Deployment List (UDL)

Ref: FM 3-35.4, p.1-9

FORSCOM Reg 55-2 Tables 5-1 to 5-6

- Provide codes extracted from MILSTAMP manual
- Codes include:
  - Water Commodity Code (WCC)
  - Type Cargo Code (TCC)
  - Special Handling Code (SHC)
  - Mode to POE Code (MPE)
  - Type Pack Code (TPC or TP PK)
  - Type Equipment Code (TE)

- Codes used in AUEL/DEL reports

Ref: FORSCOM Reg 55-2 pp.49-54

MILSTAMP Codes

- Commodity Code - 5 positions eg 885 Z 9
  - Positions one through three - Water Commodity Code (WCC)
  - Position four - Type Cargo Code (TCC)
  - Position five - Special Handling Code (SHC)

ef: FORSCOM Reg 55-2 p.31

TC-AIMS II - Equipment List

OEL Report - Unit Equipment List

Date: 20041215

Equipment UIC: WAD1T0 Unit Name: 0041 IN BN 02 HH

Shipment Unit Number	Echelon /ULN	LIN	LIN Index	Dimensions in Inches Length	Width	Height	Square Feet	Cubic Feet	Item Weight in Lbs.	Planned Loaded Weight	Actual Loaded Weight	TP PK	Water/Air Com Cd	Water/Air TCC	Water/Air SHC	Water/Air MPE	WAIVER	CGO CAT	HLC	M-Ton	S-Ton
D0001	00 /	D12087	07	192	100	84	133.33	933.33	19996	22496	19996	VE	876 V	Z	9 Z	K	N	A2 D	B	23.33	10
UIC: WAD1T0	Equipment Desc: CARRIER PERS FTRAC			Model: M113A1					Bumper Number: TNG 1						Serial Number:11						
D0002	00 /	J81750	02	258	117	104	209.63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Z	[illegible]	[illegible]	N	[illegible]	[illegible]	45[illegible]	[illegible]47
UIC: WAD1T0	Equipment Desc: INFANTRY FIGHTING VEH			Model: M2					[illegible]						[illegible] Nu[illegible]						
D0003	00 /	J81750	02	258	117	104	209.63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Z	[illegible]	[illegible]	N	[illegible]	[illegible]	45[illegible]	[illegible]47
UIC: WAD1T0	Equipment Desc: INFANTRY FIGHTING VEH			Model: M2					Bumper N[illegible]						[illegible] Nu[illegible]						

TP PK

VE

WCC
Water/Air Commodity Cd

876

TCC

Z

SHC

9

MPE

K

SHIPMENT UNIT NUMBER | **ECHELON / ULN** | **LIN** | **LIN INDEX**

D0001 00 / D12087 07

UIC: WAD1T0 Equip Desc: CARRIER PERS FTRAC

* ER = Error, Multiple Mode to Port Codes.
[illegible] prevented the M-Ton calculation.
[illegible] An actual weight of 0 prevented the S-Ton calculation.

MILSTAMP Codes (Cont)

- Table 5-6: Type Equipment Codes (TE)
  - Identifies the type of equipment being moved
  - Example: Code “3” indicates ‘Vehicles, wheeled (self propelled), 2-1/2 ton or less’
  - Example: “M” indicates ‘Class A explosives’
  - Example: “C” indicates ‘Vehicle, tracked or half tracked except tanks and self-propelled artillery’ - code for tractor from the OEL

MILSTAMP Codes (Cont)

TRK CGO D/S 2.5 Ton with Flammable Liquids

COMM CODE			TPC	MPE
867	R	4	VO	1

1 ← Convoy to SPOE

Fully operational self-propelled vehicle

SHC- Hazardous and Sensitive Cargo

TCC - Flammable Liquids, UN Class 3 (not Class B)

WCC - Wheeled vehicles, self-propelled, 2.5 ton capacity or less

SUMMARY

On Learning

TB 55-46-1
Standard Characteristics for Transportability of Military Vehicles and Other Outsized/Overweight Equipment

TB 55-46-1 Familiarization

- Provides dimensions, weight & cube for:
  - Military vehicles
  - Vehicle-mounted equipment
  - Outsize/overweight equipment
- Organizations use data as the standard reference when developing/reporting movement requirements
- Information for planning purposes only, units must report actual dimensions & weight in their OEL

Ref: Para 1-1a, page 1-1

TB 55-46-1 Familiarization (Cont)

- Data specifically oriented to unit movement transportability/deployability considerations
- Compatible with COMPASS/JFRG II and JOPES
- Remember, doesn't replace actual UMD

ef: Para 1-1a, page 1-1

TB 55-46-1 Familiarization (Cont)

- Lists all military outsized/overweight equipment having dimensions and/or weight EQUAL TO or EXCEEDING:
  - 104 inches long
  - 50 inches high
  - 84 inches wide
  - 5000 pounds or more
- Dimensions/weight must be equal to or greater than any one of the above criteria for a piece of equipment to be listed in the TB

Ref: Para 1-1b, page 1-1

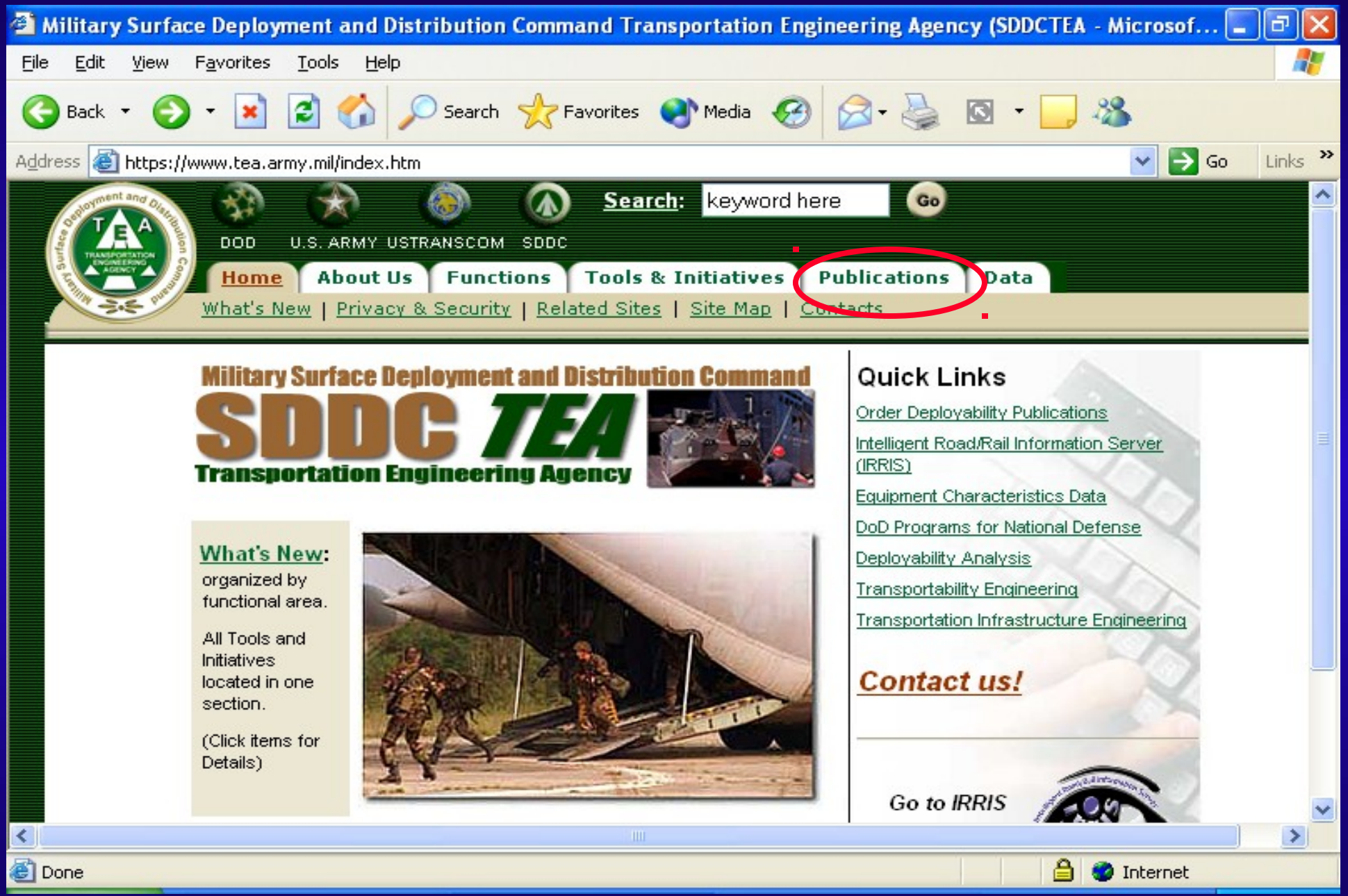
TB 55-46-1 Familiarization (Cont)

- Data for all military equipment, including items excluded from the hardcopy TB 55-46-1, are available online at:

  https://www.tea.army.mil/pubs/default.asp
  (AKO password required)

- SDDC TEA also produces a CD that contains this information

Ref: Para 1-1b, page 1-1


Military Surface Deployment and Distribution Command Transportation Engineering Agency (SDDCTEA - Microsof...
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Address https://www.tea.army.mil/index.htm
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- Briefings
- Brochures
- Safety Bulletins
- Pamphlets, Manuals, and Directories
- Studies
  - Highway Engineering Studies
  - Port Workload Studies
  - Ports for National Defense
- Other Publications

Equipment Characteristics: TB 55-46-1

Internet

Welcome to TB 55-46-1 On-Line.

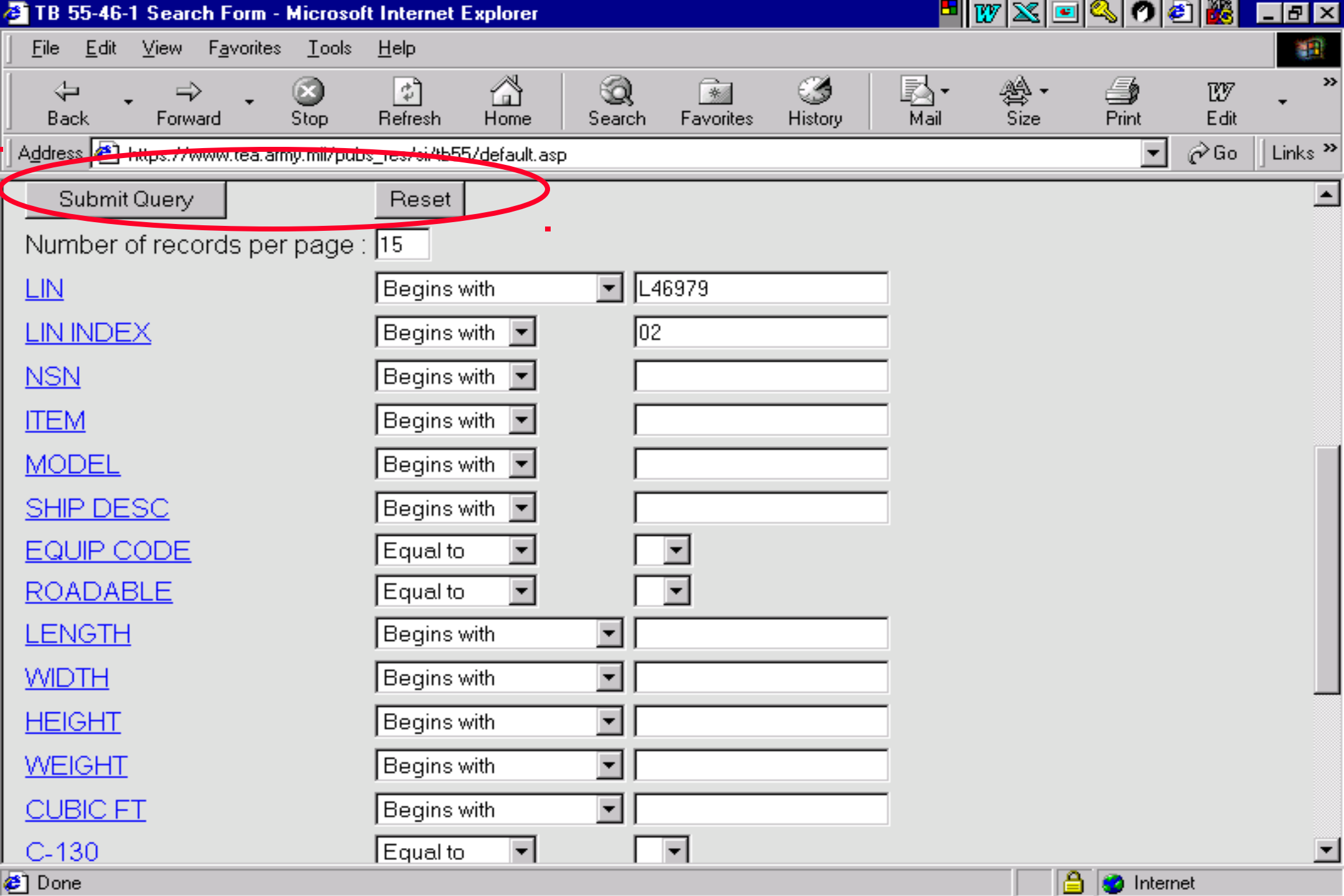
Please enter any search criteria, then press **Submit Query.**
Data last updated - December 26, 2001

- HOW DO I ...? (FAQ's)
- TB 55-46-1 TEXT
- DEFINITIONS
- EQUIPMENT CODES
- CARGO CAT CODES
- HEAVY LIFT CODES
- SHIPPING CONFIGURATIONS
- WHEELBASE DIMENSIONS
- CARGO DIMENSIONS & LOADING CAPACITIES

Search by one of these fields -

If you are unsure of the meaning of the field, select the link and it will take you to a definition of the field.

Submit Query Reset


TB 55-46-1 Search Form - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Size Print Edit
Address https://www.tea.army.mil/pubs_res/si/tb55/default.asp
Go Links
Submit Query
Reset
Number of records per page : 15
LIN Begins with L46979
LIN INDEX Begins with 02
NSN Begins with
ITEM Begins with
MODEL Begins with
SHIP DESC Begins with
EQUIP CODE Equal to
ROADABLE Equal to
LENGTH Begins with
WIDTH Begins with
HEIGHT Begins with
WEIGHT Begins with
CUBIC FT Begins with
C-130 Equal to
Done
Internet

- EQUIPMENT CODES
- CARGO CAT CODES
- HEAVY LIFT CODES
- SHIPPING CONFIGURATIONS
- WHEELBASE DIMENSIONS
- CARGO DIMENSIONS & LOADING CAPACITIES

This page last modified - 2/6/2001
The data provided on this page last updated - December 26, 2001
Questions / Comments about this page - Keith Turner
Questions / Comments about content on this page - Darlene Smith or Jim Alexander
Column Header links will open a definition page in a new window. Click **LIN** links to see all fields for the selected entry.

Lin	Lin index	Item Desc	NSN	Model	Comp Desc	Ship Desc
C12155	01	CARRIER PERS F/TRACK	2350010853792	M981		OPERATIONAL

Current page = 1 of 1

Search Again

Image

Model	M981
Lin	C12155
Lin Index	01
Sec Lin	
NSN	2350010853792
Item Description	CARRIER PERS F/TRACK
Comp Desc	
Ship Desc	OPERATIONAL
Equip Desc	Tracked or Half-Tracked Vehicles except for Tanks and Artillery
PV Code	V

TB 55-46-1 Familiarization (Cont)

TB 55-46-1 contains 3 Chapters, 3 Appendixes

- Several ways to retrieve data
  - If TOE LIN is known, go to Chapter 3
  - Use cross reference in Appendix B & C
    + Appendix B crosses NSN to TOE LIN
    + Appendix C crosses model description to TOE LIN

TB 55-46-1 Chapter 1

- Chapter One contains:

  What is covered by TB

  Important definitions

  Data specifications
  - UMD Reporting procedures using TB

Definitions

★Line Item Number (LIN) - A six-character alphanumeric identification assigned to a generic nomenclature to describe collectively all NSN items possessing the functional capability expressed by the LIN description

eg: X 4 0 7 9

Truck Cargo D/S 5 Ton
- M813A1
- M54A2C
- M54A1C
- M923
- M923A1
- M923A2

Ref: Para 1-2d(1), page 1-1/1-2

Definitions (Cont)

- National Stock Number (NSN) - The NSN consists of 13-digit number assigned by the Defense Logistics Services Center:
- eg: 1055010920596

MLRS

ef: Para 1-2e, page 1-2

Definitions (Cont)

- Set: A group of major end-items
  - The entire set is assigned a LIN. This is the ‘primary’ LIN for the set
  - Each major end-item within the set is referred to as a secondary item and is identified by its own “secondary’ LIN and NSN

ef: Para 1-2g, page 1-2

SET

TOE LIN (INDEX) NO	NATL STOCK NO. (SET) (TOE LIN)	COMP	VEHICLE	TYPE EQUIP	LIN DESCRIPTION (MODEL) COMPO DESCRIPTION
Primary LIN					
R93035	(SET)				RADIO TERMINAL SET
	Remarks		R	U	AN/TRC-170V3
V 03	5820011483976			3	AN/TRC-170V3
Secondary LIN	(G42170)				GEN SET DED TRL MTD
V 01	6115013199032		R	6	PU-798
	(T07679)				TRK UTIL. HVY HMMWV
	2300134699137		R		M1097
V 36				3	

Definitions (Cont)

- Vehicle: Term including trucks, trailers, semi-trailers, amphibious & tracked vehicles, tanks, artillery (self-propelled & towed), floating craft (self-propelled & towed), rail cars, locomotives, aircraft (including helicopters) & wheel or track-mounted equipment




Ref: Para 1-2i, page 1-2

Chapter 2-3: Data Specifications

Dimensions:

- Length: Horizontal dimension measured from end-to-end. Rounded up to next inch
- Width: Horizontal dimension measured from side-to-side. Rounded up to next inch
- Height: Vertical dimension measured from ground level to the highest reference point. Rounded up to the next inch
- Surface Vehicle Weight (less heavy armor vehicles/tanks): Includes all on-equipment material (OEM), such as basic issue items (BII), and three-quarters of a tank of fuel. It does not include crew weight, baggage, or payload.

ef: Para 1-3c, page 1-2/1-3

Chapter 2-3
Data Specifications (cont)

- Dimensions (cont):
  - **Cube:** The volume of space occupied by the item
  - FORMULA:

    (L x W x H) /1,728 =cubic feet
    inches

  - **Round up** to the next cubic foot

ef: Para 1-3e, page 1-3

Chapter 2
Tables 2-1 to 2-4

- Tables 2-1 to 2-6 contain information on the transportability of equipment by aircraft.
  - Tables 2-1 & 2-2 contain information on the cargo constraints of various aircraft (maximum cargo height/weight etc)
  - Table 2-3 provides guidance on the number and dimensions of 463L pallets that can be carried on CRAF aircraft
  - Table 2-4 details aircraft Allowable Cabin Loads (ACL)

Chapter 2
Tables 2-5 and 2-6

- **Table 2-5: Cargo Category Codes (CCC)**

Position 1: **Identifies the type of equipment**

'A' = Vehicles (wheeled and tracked), self propelled or non-self-propelled and are not suitable for road marching on overland deployment legs

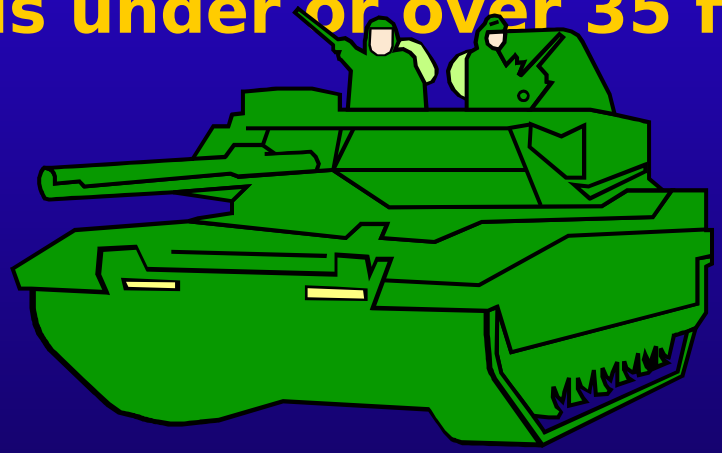
'R' = Wheeled vehicles (self propelled or non-self propelled), suitable for road march on overland deployment legs and capable of convoy speeds up to 40 mph.

Position 2: **Indicates if an item of equipment is non-air transportable, outsized, oversized or bulk**

Position 3: Indicates whether an item of equip can or cannot be containerized

Chapter 2
Tables 2-5 and 2-6 (Cont)

- **Table 2-6: Heavy Lift and Dimensions Codes (H)**
  - **A code which identifies the weight bracket of the item (in short tons) and indicates whether it is under or over 35 feet in any dimension**



Cargo Category Codes

First Position: Vehicle/Equipment Type

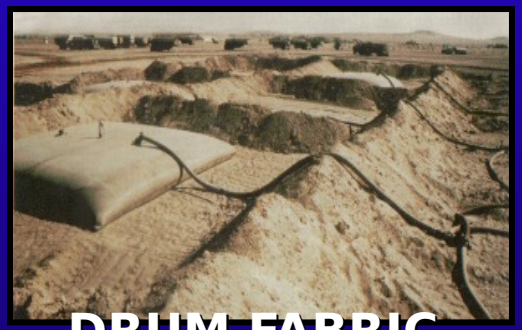
ABRAMS MBT

KIOWA WARRIOR

LCU 2000

A = Non-roadable vehs B = Non-self deployable aircraft (uncrated)

C = Floating Craft



DRUM FABRIC FUEL

M998

J = Non-vehicular cargo M = Ammunition R = Roadable Vehicles

Cargo Category Codes

Second Position: Air Transportability

0 = Non-Air transportable

C-5

1 = Outsized Equipment

C-5

C-17

C-141

C-130

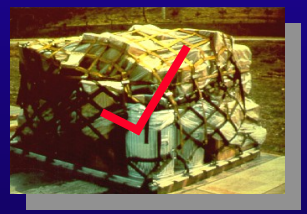
2 = Oversized Equipment

C-141

C-130

463L Pallet

3 = Bulk Equipment



463L Pallet

Cargo Category Codes

Third Position: Containerization

B = Fit in 20-foot Container

20-foot Container (MILVAN)

C = Fit in 40-foot Container but not a 20-foot container

20-foot Container (MILVAN)

40-foot Container

D = Cannot be containerized

40-foot Container

Heavy Lift and Dimension Codes

Codes A - P categorize by weight and dimensions

- **Codes A - G** = variable weight and less than 35 feet in any dimension
- **Codes H - P** = variable weight and more than 35 feet in any dimension

Chapter 2
Tables 2-7 to 2-15

- Tables 2-7 to 2-15 :
  - Contain dimensions & cargo-loading capacity of military general-purpose cargo trucks, dump trucks, trailers, semi-trailers, amphibious vehicles, landing craft & helicopters including:
    - Cargo deck dimensions
    - Loading height of cargo carrying vehicles

TABLE 2-7 CARGO DECK DIMENSIONS

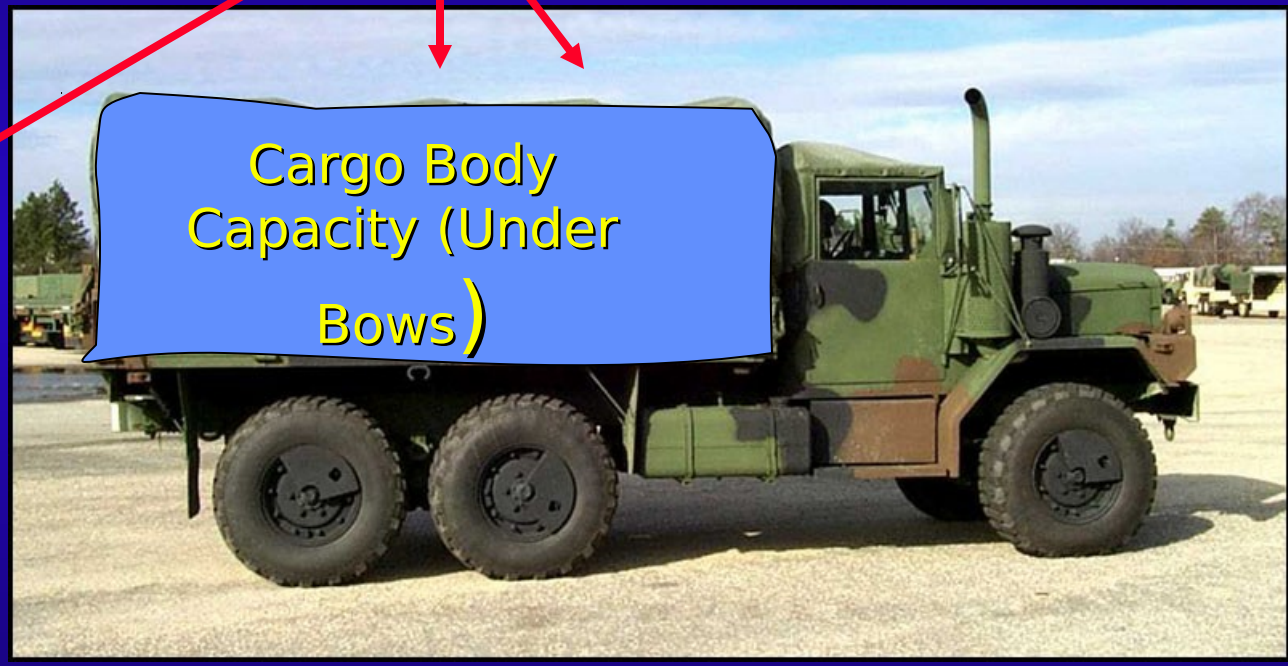
Vehicle Type (LIN)	Cargo Deck Length (in.)	Width (in.)	Bed Height (in.)	Cargo Body Loading Height and Capaci Under Bows (in.)	(ft³)	Top of Side Racks (in.)	(ft³)	Top of Steering Wheel (in.)	(ft³)
2-1/2 Ton									
M35A2C WWN (X40214)	147.0	88.0	52.0	60.0	443.0-w	37.0	277.0	29.0	217.0

$$\text{Cube} = \frac{\text{Length (in.)} \times \text{Width (in.)} \times \text{Height (in.)}}{1{,}728} = \frac{147 \times 88 \times 60}{1{,}728}$$

$= 443\text{ft}^3$ (Don't forget about 'w' = cubic capacity reduced by 6.6 cubic feet for curve of bows)

Truck Bows

Bows (frame)



M35A3C (2.5 T Truck)

Truck Side Racks

M1078 (2.5 T Truck)

Chapter 2
Tables 2-16 to 2-26

- Tables 2-16 to 2-25 contains wheel base inform
  - Primarily used by upper level planners
    - Seldom used at unit level
- Table 2-26 is a metric conversion table

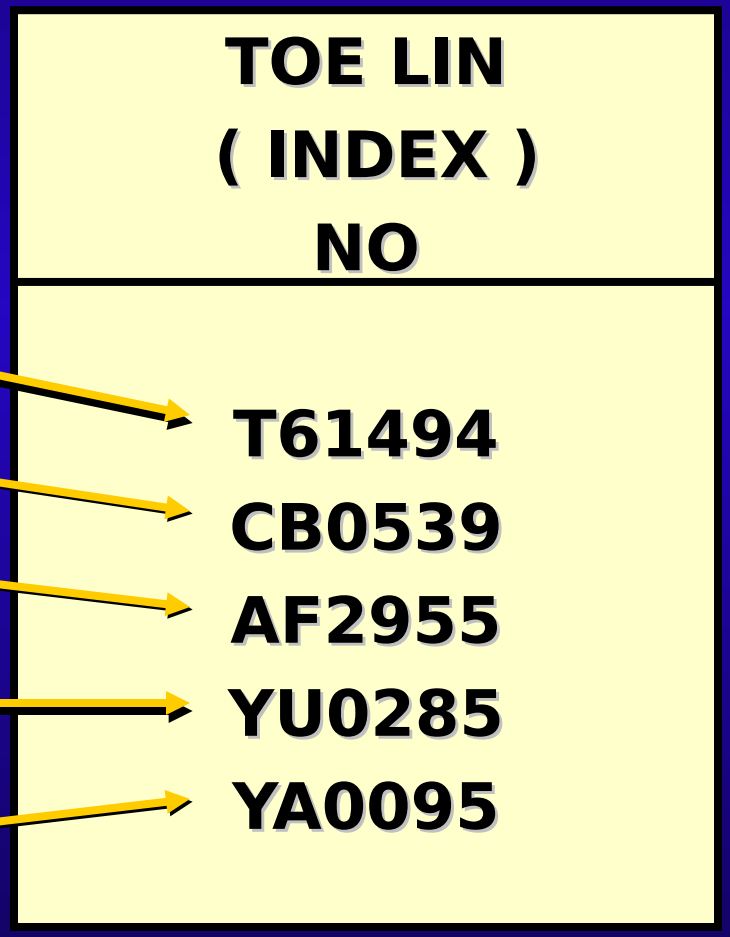
CHECK ON LEARNING

Chapter 3 -- Equipment Characteristics Data

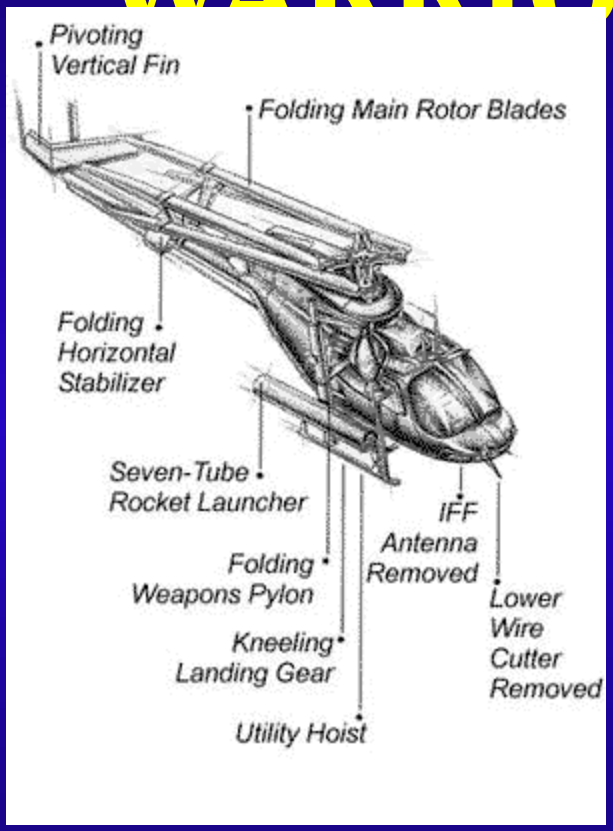
- Contains Equipment Characteristics Data
  - Starts with detailed explanation of the information contained in each column
  - 11 columns of data
- Column One: TOE LIN --Table of Organization & Equipment Line Item Number

Chapter 3
Column 1

- Column 1:
  - TOE LIN Army
  - TOE LIN Navy
  - TOE LIN Air Force
  - TOE LIN Union (AALPS)
  - TOE LIN Fictitious



KIOWA WARRIOR



REDUCED CONFIGURATION FOR TRANSPORTATION (two fit into a C130)

Chapter 3
Column 1(Cont)

- Column 1 (Cont):

  TOE LIN number

  "PV" - Preferred Model (generally largest and most current model) & Validated Data (by SDVC - Validated Data

  "V" - Validated Data

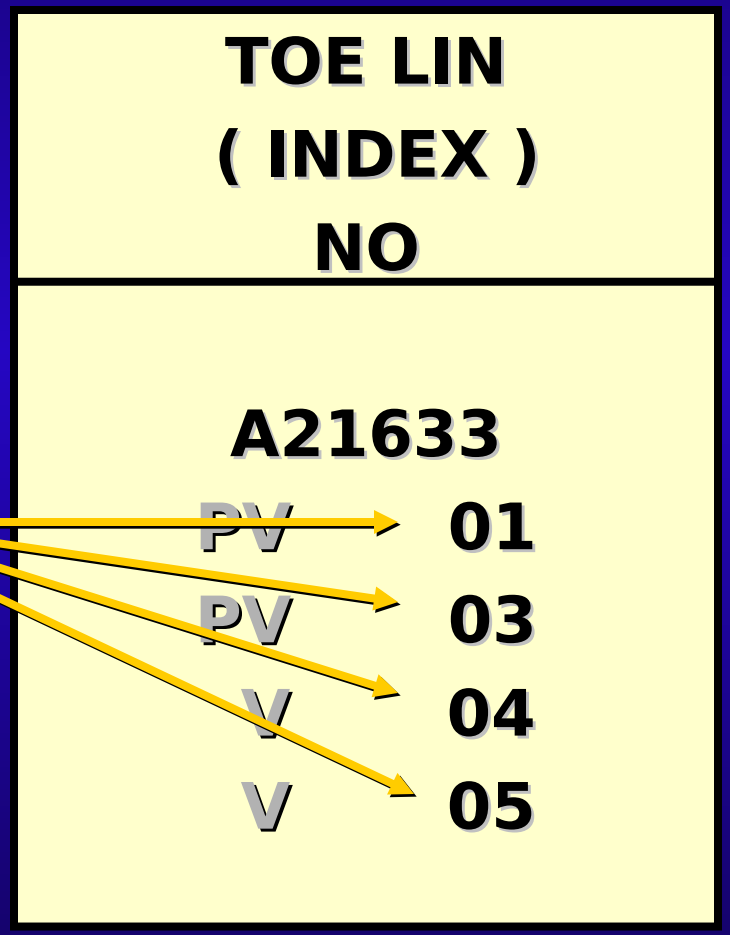
See LIN A21633 on p.3-7

TOE LIN (INDEX) NO	
A21633	
PV	01
PV	03
V	04
V	05

Chapter 3
Column 1 (Cont)

- Column 1 (Cont):

Index No: Identifies different NSNs &/or shipping configuration



See LIN A21633 on p.3-7

Ref: Para 3-1b, page 3-1

Chapter 3
Column 2

- Column 2:
- NSN. Identifies a specific equipment model within a LIN

NATL STOCK NO. (SET) (TOE LIN)	COMP
1520011255476	

See LIN A21633 on p.3-7

Ref: Para 3-1c, page 3-1

Chapter 3
Column 2 (Cont)

- Column 2 (Cont):
- (SET) The TOE LIN in parentheses is the proper TOE LIN to be used for reporting a set

TOE LIN (INDEX) NO	NATL STOCK NO. (SET) (TOE LIN)	COMP	VEHICLE	TYPE EQUIP	LIN DESCRIPTION (MODEL) COMPO DESCRIPTION
R93035	(SET)				RADIO TERMINAL SET
	Remarks		R		AN/TRC-170V3
V 03	5820011483976				AN/TRC-170V3
	(G42170)			U	GEN SET DED TRL MTD
V 01	6115013199032		R	3	PU-798
	(T07679)				TRK UTIL. HVY HMMWV
	230013469137		R	6	.
V 36					M1097 .

Chapter 3
Column 3

- Column 3: Component. Alphabetic code added to an NSN to identify a disassembled component.

Do not use the modified NSN for reporting purposes

See LIN A21633 on p.3-7

NATL STOCK NO. (SET) (TOE LIN)	COMP
1520011255476	A

Landing Skids

Ref: Para 3-1e, page 3-1

Chapter 3
Column 4

- Column 4: Vehicle. Code indicates whether vehicle is roadable or non-roadable.
  - **"N" = Nonroadable (not suitable for road marching)**
  - **"R" = Roadable (capal ining 40 mph)**

VEHICLE
N
R

See LIN A21633 on p.3-7
and LIN T07679 on p.3-302

Ref: Para 3-1f, page 3-1

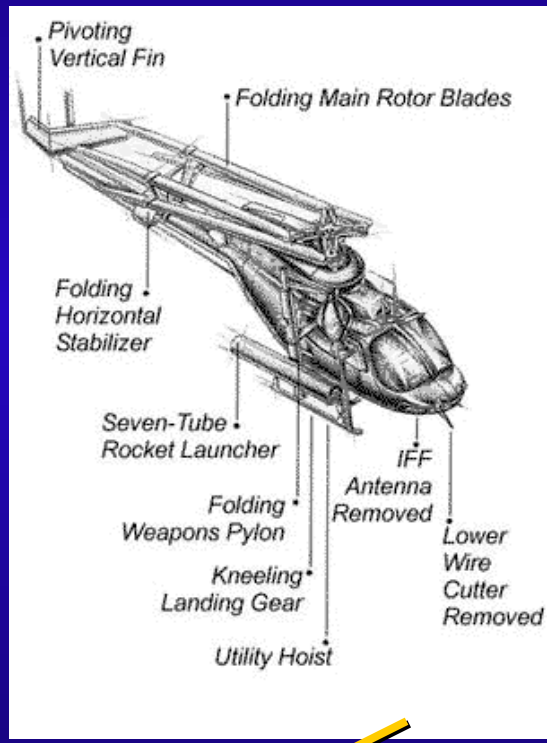
Chapter 3
Column 5

- Column 5: Type Equipment. Numeric code used to differentiate between equipment types:
  - "H" = Aircraft, rotary wing (opera
  - "K" = d config

TYPE EQPT

H

K

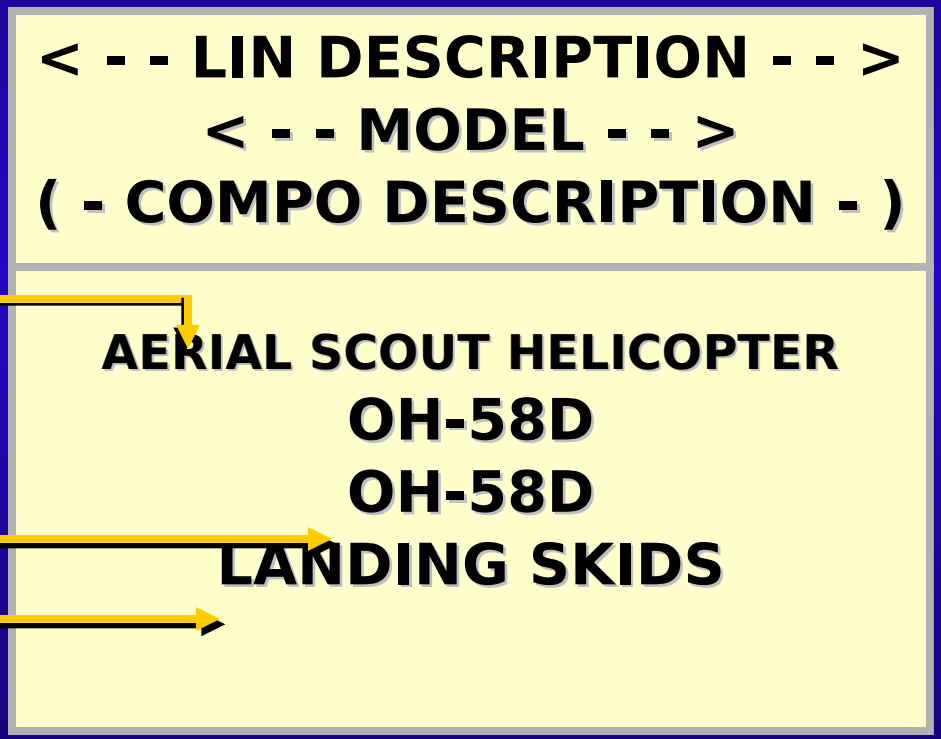


See LIN A21633 on p.3-7

ef: Para 3-1g, page 3-1/3-2

Chapter 3
Column 6

- Column 6:
  - LIN Description: Generic nomenclature assigned a LIN (functional description)
  - Model: Component Description:



See LIN A21633 on p.3-7

Ref: Para 3-1h, page 3-2

Chapter 3
Column 7

- Column 7: Shipping Configuration.
  42 different codes

  “8” = Flyaway (see 3-7)

  “F” = Reduced for C-130 Transport (see 3-7)

  “B” = Operational (Mission configuration) (see 3-394)

  “C” = Reduced to minimum shipping dimensions IAW the unit’s organic maintenance capability (for example, removing canvas tops, frames and bows; securing antennas; etc)

SHIP CONF

8 F B C

See LIN A21633 on p.3-7
and LIN X40009 on p.3-412

Ref: Para 3-1i, pages 3-2 – 3-4

Chapter 3
Column 8

- Column 8: Number of Pieces:
  - The data in this column indicates the number of identical disassembled components - as detailed in the ‘component description’ in Column 6
  - The dimensions given in column 9 relate to a single item

NO. PCS
1

See LIN A21633 on p.3-7

Ref: Para 3-1j, page 3-4

Chapter 3 Column 9

- Column 9: Dimensions, Weight & Cube for one item as described by ‘Model’ or ‘Component Description’ & Shipping Configuration

(FOR ONE ITEM)

DIMENSIONS			WEIGHT	CUBE
<------INCHES-------->			(LB)	(CU FT)
LENGTH	WIDTH	HEIGHT		
<----------REMARKS----------				
495	420	155	3427	18649
408	74	106	3110	1852

420 (Operational width)
74 (Reduced width)

See LIN A21633 on p.3-7

Ref: Para 3-1k, page 3-4

Chapter 3
Column 10

- Column 10: Cargo Vehicle Load Limits Weight, Height & Cube

Offroad rated load capacity (Cargo deck + Height Under Bows (in inches)

Height (in inches) (Cargo deck + Height Under Bows (in inches)

CGO VEH LD LIMITS WEIGHT		
HGT TOE		CUBE LIN
(INDEX NO)		
5000		
11 3		450

Cubic capacity 'Under Bows'(in cubic fee

See LIN X40009 on p.3-413/414

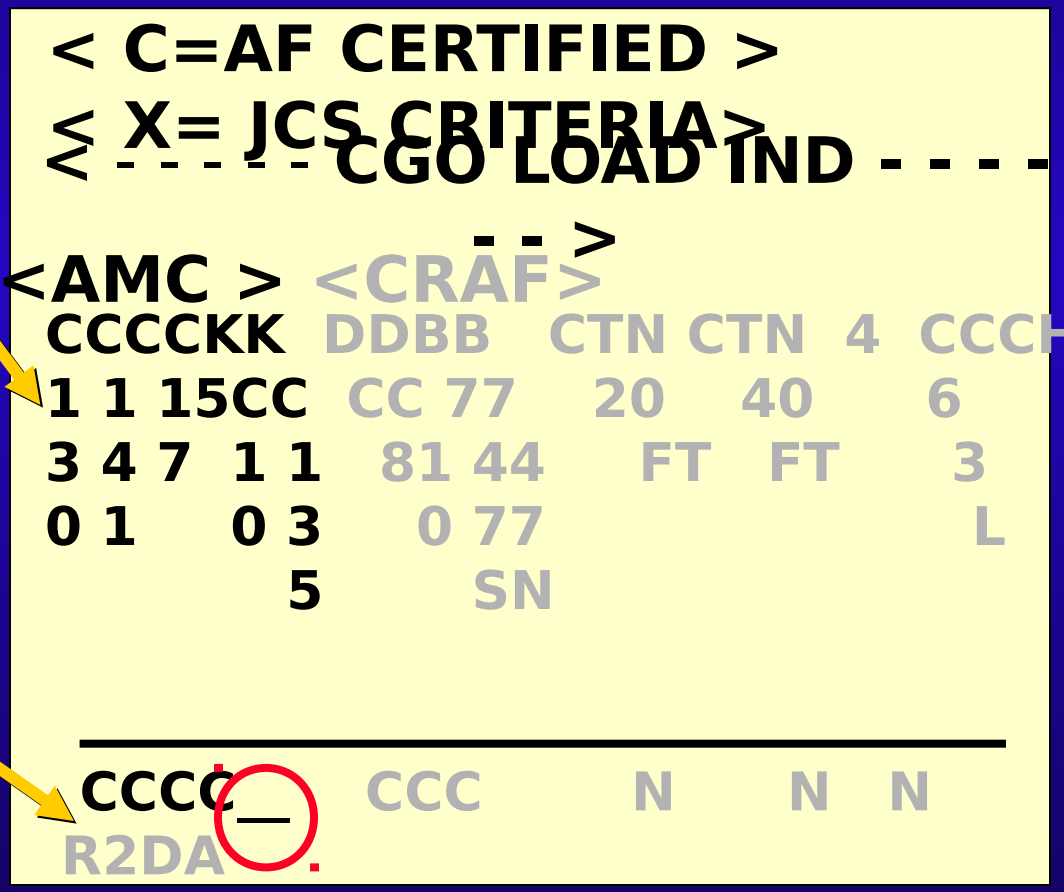
Ref: Para 3-1l, page 3-4

Chapter 3
Column 11

- Column 11(Cont): Cargo Load Indicator
  - AMC (left to right): C-130, C-141, C-17, C-5, KC-10, & KC-135

Indicator:

"C" (certified by the Air Force) or "X" (qualified for aircraft [will fit]) or blank (not transportable in specified aircraft)



See LIN T61494 on p.3-357

Ref: Para 3-1n, page 3-4/3-5

Chapter 3
Column 11
(Cont)

- Column 11(Cont):

  Cargo Load Indicator

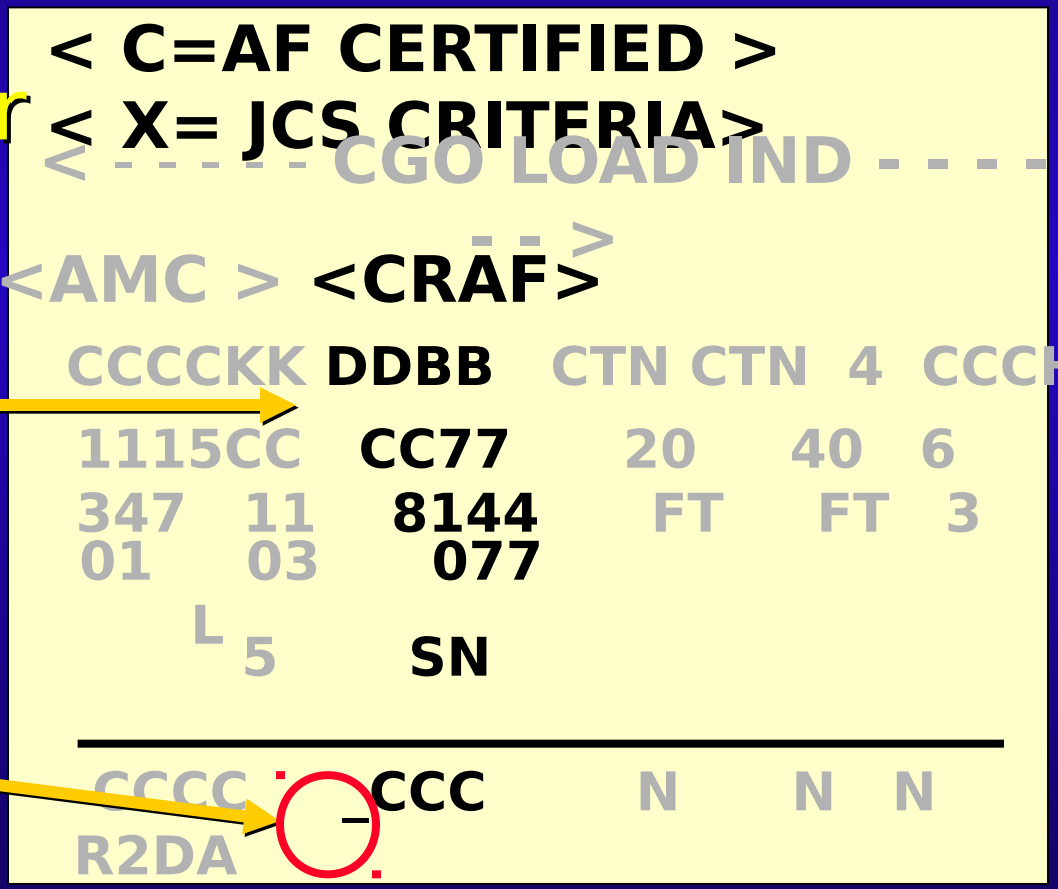
  CRAF (left to right):

  DC-8, DC-10,

  B-747S & B-747N

Indicator:

C or X or blank



See LIN T61494 on p.3-357

Ref: Para 3-1n, page 3-4/3-5

Chapter 3 Column 11 (Cont)

- Column 11(Cont):

  Cargo Load Indicator

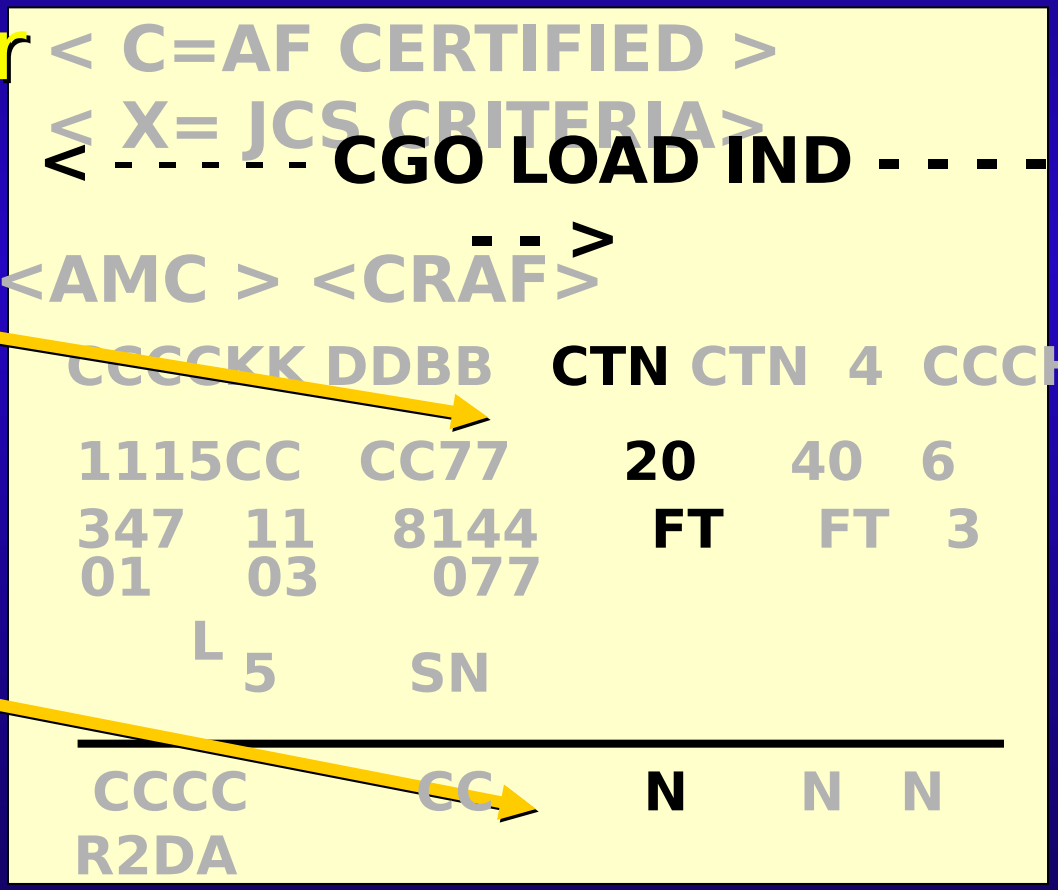
  CTN:

  ~~20-ft (containers)~~

Indicator:

Y = Fits

N = Not Fit



See LIN T61494 on p.3-357

Ref: Para 3-1n, page 3-4/3-5

Chapter 3
Column 11 (Cont)

- Column 11(Cont)

  Cargo Load Indicator

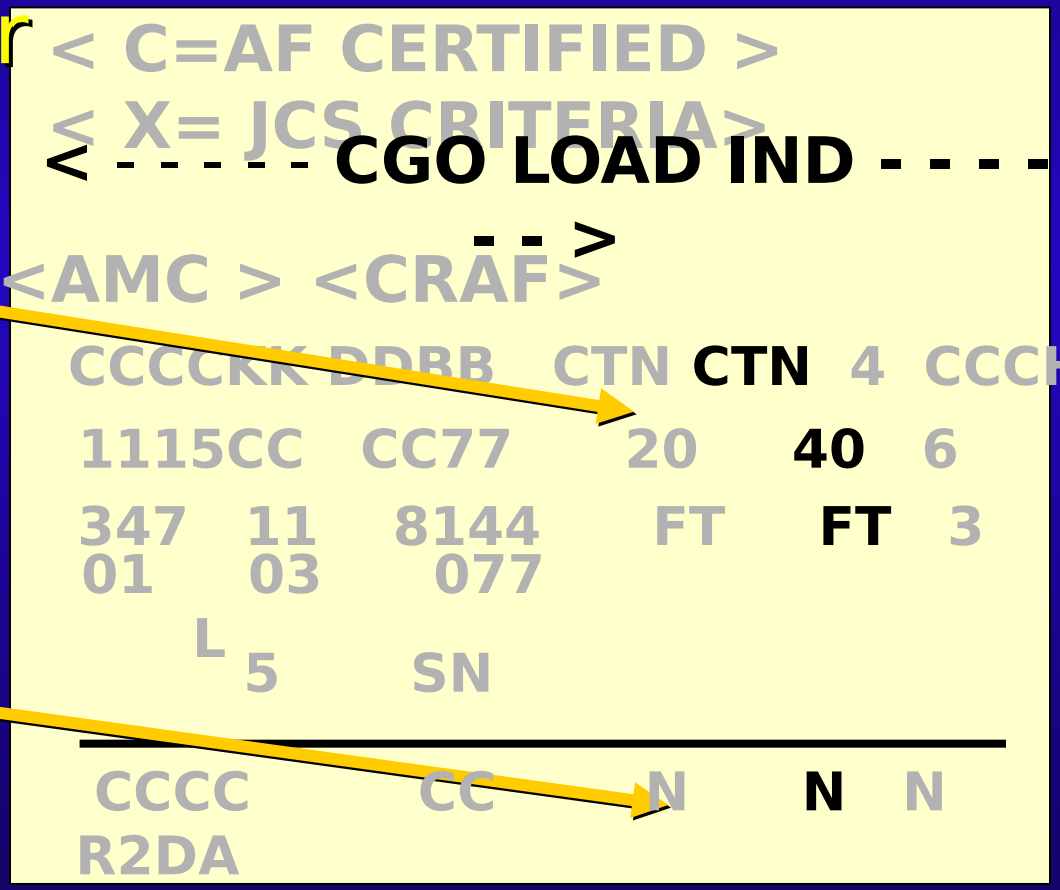
  CTN:

  40-ft (containers)

Indicator:

Y = Fits

N = Not Fit



See LIN T61494 on p.3-357

Ref: Para 3-1n, page 3-4/3-5

Chapter 3
Column 11
(Cont)

- Column 11(Cont):

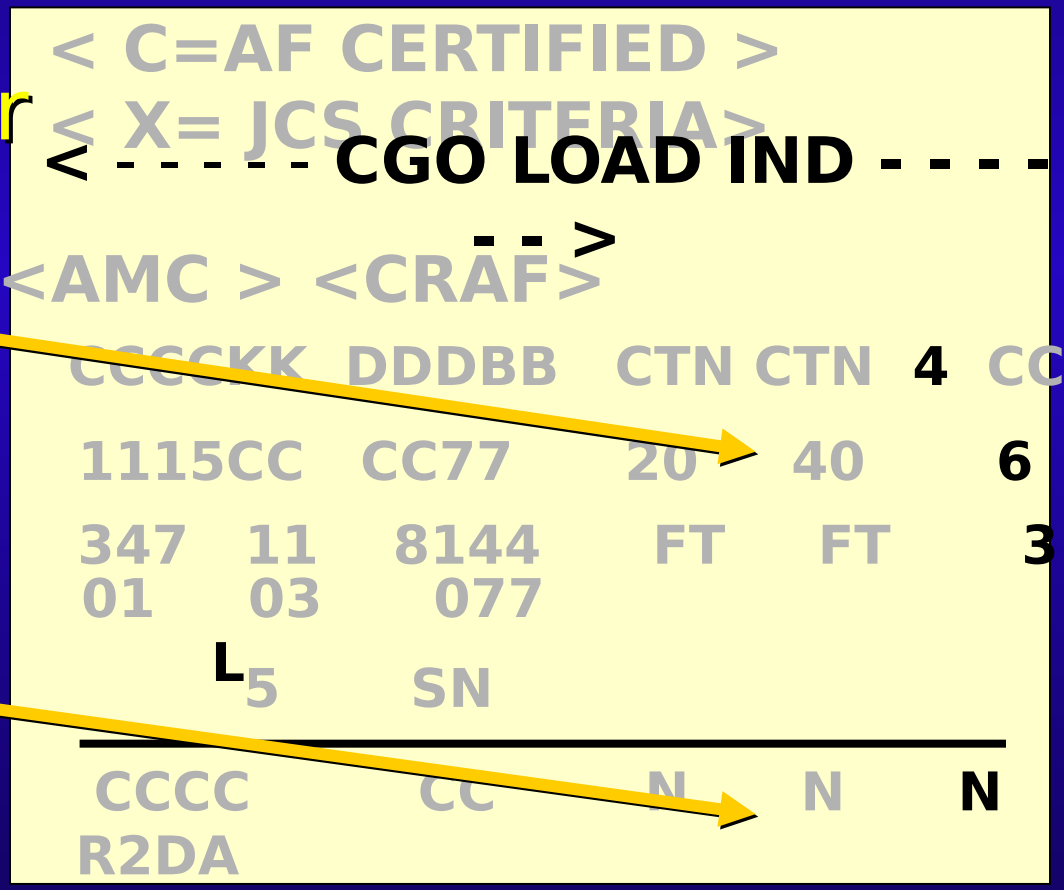
  Cargo Load Indicator

  463L (pallet)

Indicator:

Y = Fits

N = Not Fit



See LIN T61494 on p.3-357

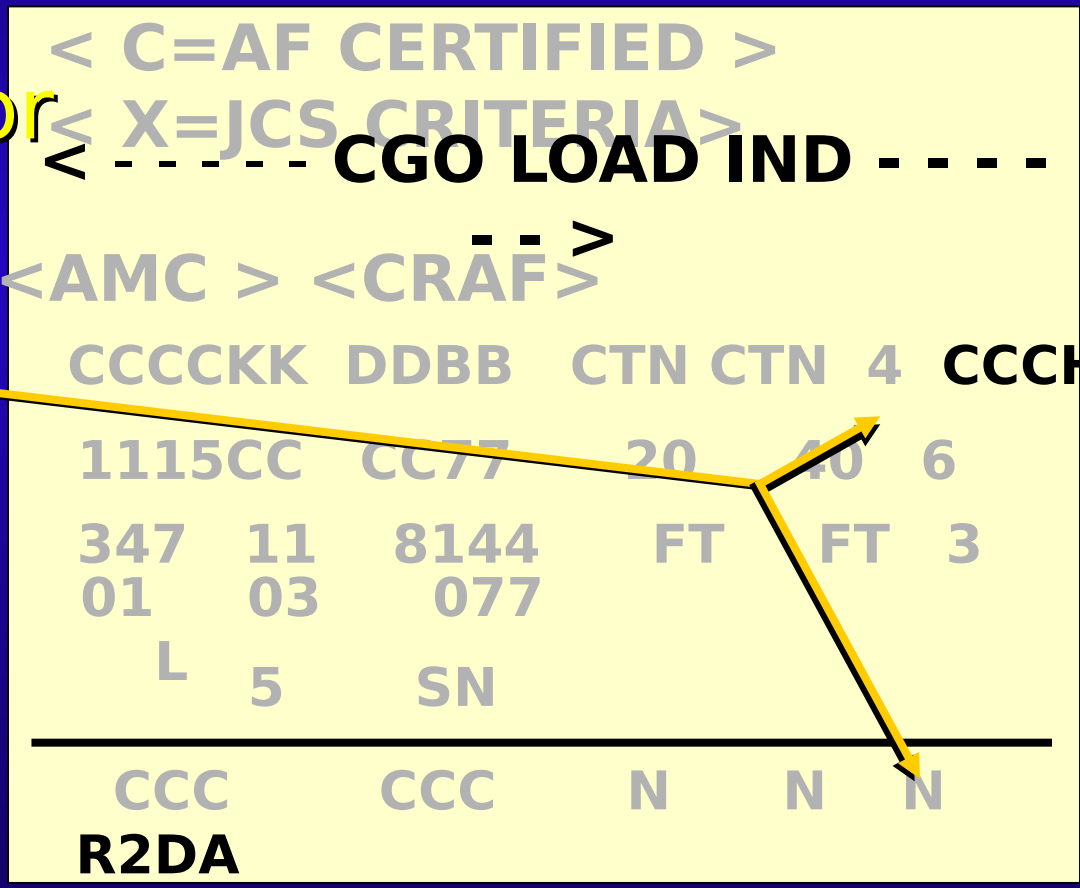
Ref: Para 3-1n, page 3-4/3-5

Chapter 3 Column 11 (Cont)

- Column 11(Cont):

  Cargo Load Indicator

  - Cargo Category Codes



See LIN T61494 on p.3-357

Ref: Para 3-1n, page 3-4/3-5

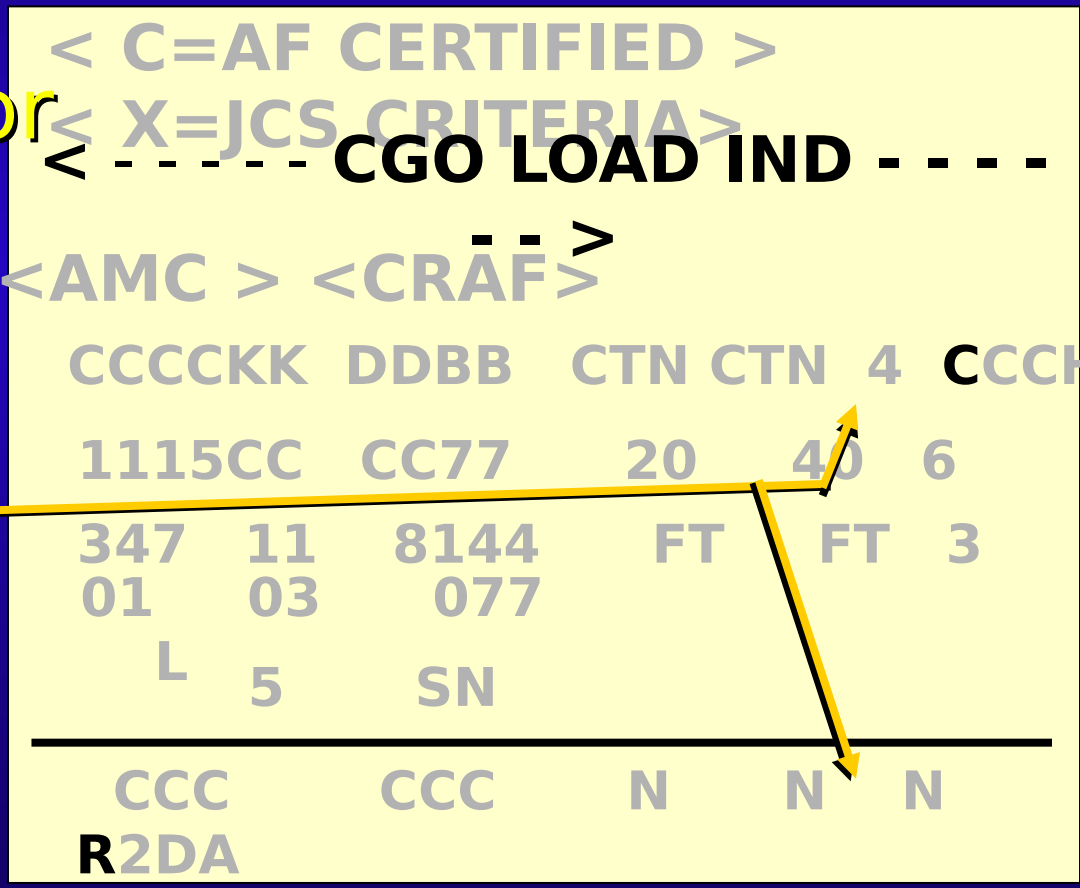
Chapter 3 Column 11 (Cont)

- Column 11(Cont):

  Cargo Load Indicator

  - Cargo Category Codes

  C(1): Type Equipment



See LIN T61494 on p.3-357

Ref: Para 3-1n, page 3-4/3-5

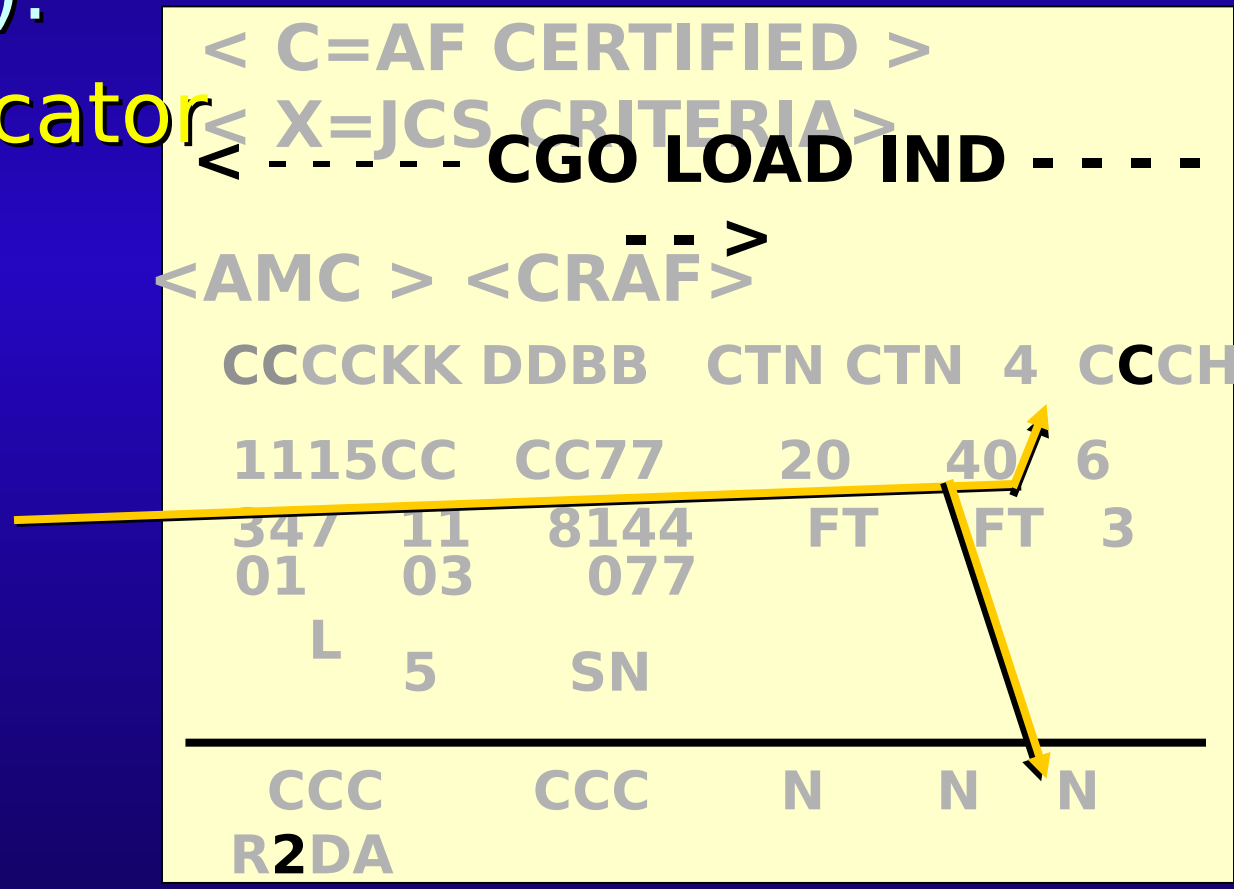
Chapter 3 Column 11 (Cont)

- Column 11(Cont):

  Cargo Load Indicator

  - Cargo Category Codes

C(2): Indicates if item is air transportable



See LIN T61494 on p.3-357

Ref: Para 3-1n, page 3-4/3-5

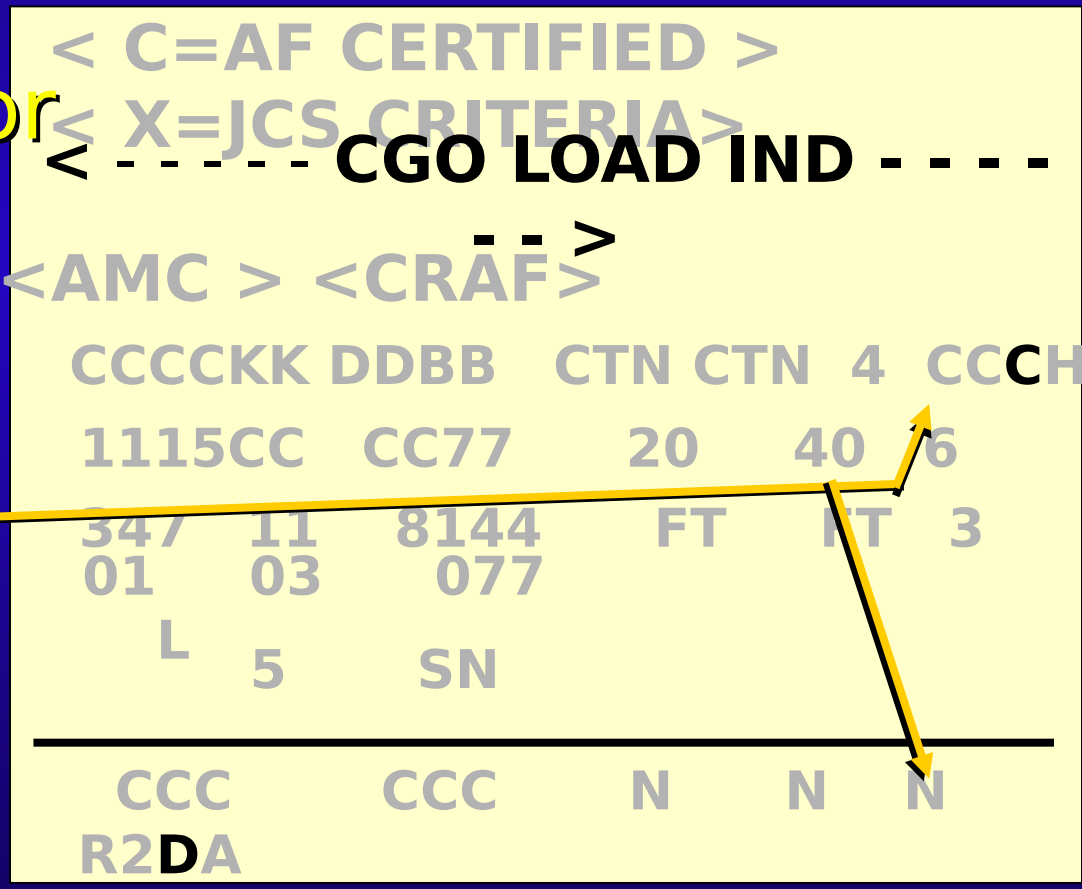
Chapter 3 Column 11 (Cont)

- Column 11(Cont):

  Cargo Load Indicator

  - Cargo Category Codes

C(3): Can/Cannot be containerized

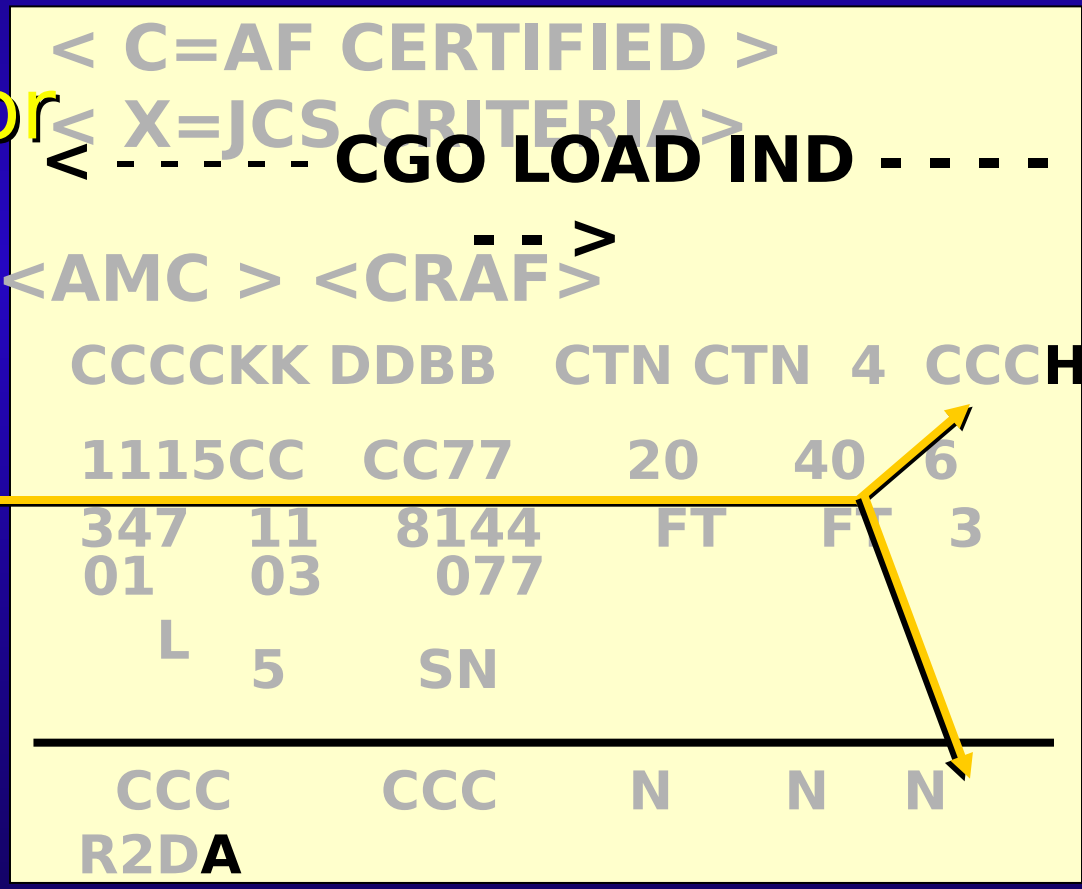


See LIN T61494 on p.3-357

Ref: Para 3-1n, page 3-4/3-5

Chapter 3 Column 11 (Cont)

- Column 11(Cont):
  - Cargo Load Indicator
    - Cargo Category Codes
      - H: Weight and dimensions (<35’ or >35’)



See LIN T61494 on p.3-357

Ref: Para 3-1n, page 3-4/3-5

Chapter 3 Column 11 (Cont)

- What did our CCCH code of “R2DA” mean?
  - First: wheeled vehicle, roadable
  - Second: oversized exceeding 463L pallet size
  - Third: cannot be containerized (too wide)
  - Fourth: under 5 tons - smaller than 35’ in any dimension

Appendix B - Cross Reference

- Appendix B:
  - Cross-reference NSN to TOE LIN
- First column is NSN - listed in ascending sequence
- Second Column is corresponding TOE LIN

NSN	TOE L
2320010907797	CB07
2320010907828	X616
2320010907831	X420

Five columns per page!

Appendix B - Cross Reference (Cont)

- Two listings for NSN 2320011077155
- First is CB0360
  - What does this TOE LIN tell you?
  - Navy vehicle
- Next TOE LIN is the Army vehicle (M998)

NSN	TOE L
2320010907797	CB07
2320010907828	X616
2320010907831	X420
2320011016752	CB06
2320011077153	T050
2320011077155	CB03
2320011077155	T614
2320011077156	T615

See pg B-8

Appendix C - Cross Reference

Appendix C:

- Cross-reference equipment model designation to TOE LIN
- Contains more information than Appendix B
  - Provides item description, the shipping configuration, the cargo group code, the length and width, and the empty and loaded height and weight

Appendix C - Cross Reference (Cont)

MODEL	DESCRIPTION		LIN
M983 WWN	TRUCK TRACTOR TACT8X8		T8867
M983 WWN	TRUCK TRACTOR TACT8X8		T8867
M983/M901	TRK TRAC/LCHR STA GM		YA022
M997A1	TRK AMB 4 LITTER 4X4		T388
M998	TRK UTIL CRG/TRP CARR		T6149
M998	TRK UTIL CRG/TRP CARR		T6149
M998	TRK UTIL CRG/TRP CARR		T6149

See pg C-79

UMD
Reporting Procedures

- TB 55-46-1, equipment characteristics data listings are designed to facilitate preparation of UMD reports
- Data reflects specified shipping configurations
  - Use only for planning purposes
- FORSCOM Reg 55-2 requires use of TC-ACCIS / TC AIMS II for reporting UMD to FORSCOM

UMD Reporting Procedures (Cont)

- Use of LIN & INDEX NO: When combined & properly reported, the computer (TC-ACCIS or TC-AIMS II) generates data listed to the right of the INDEX NO
- Errors in reporting either data element will result in the computer generating erroneous (BAD) data

Summary

Chapter 1 - Purpose, Definitions, Data Specifications

Chapter 2 - Tables for Cargo Deck Dimensions

Chapter 3 - Equipment Characteristics (items are listed by TOE LIN)

Appendix B - National Stock Number to TOE LIN

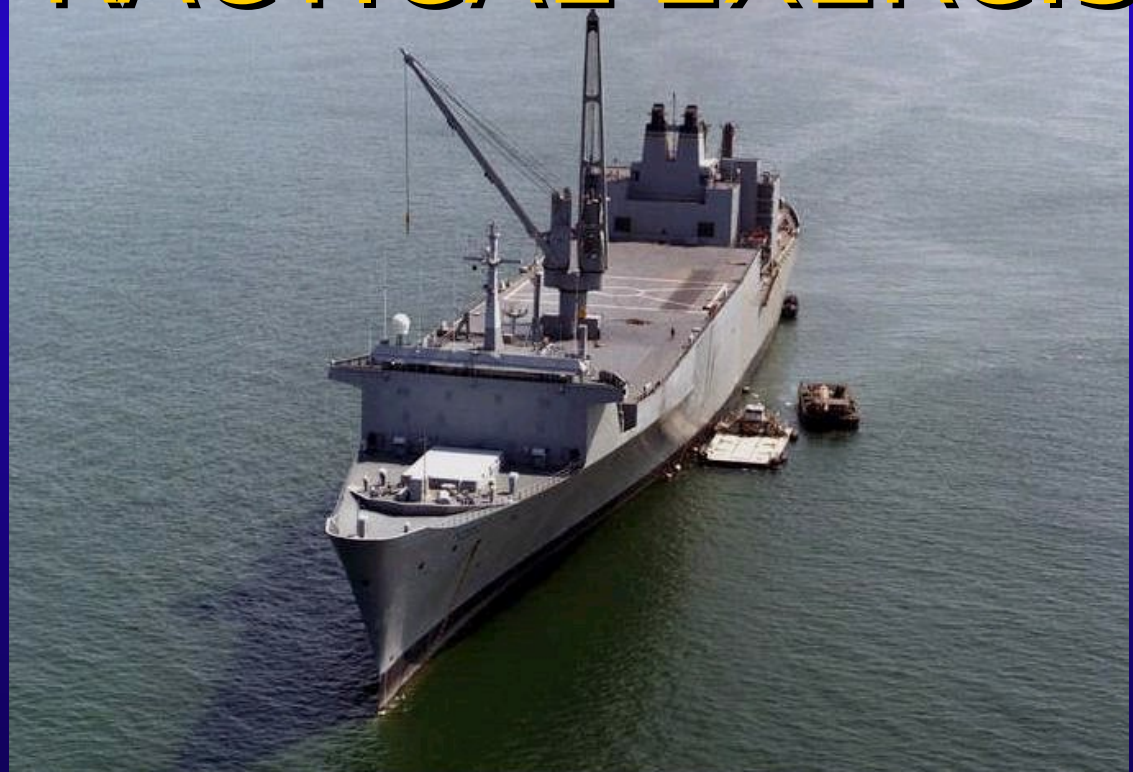
Appendix C - Model designation to TOE LIN

On Learning


Let's
Review

QUESTIONS ???

PRACTICAL EXERCISE



Practical Exercise Tips

- You will be given one of three pieces of information:
  - 13 digit number - it is a NSN - use Appendix B (NSNs listed numerically) to find the LIN and then refer back to Chap 3
  - 6 alphanumeric characters - most likely a LIN - look it up in Chapter 3 (LINs listed alphanumerically)
  - Variable number (other than six) of alphanumeric characters - most likely a Model Designation - look it up in Appendix C (models listed alphanumerically) - refer back to Chap 3 using the LIN for this model to find additional information (if required)
- Cargo Deck Dimensions - refer to the tables in Chap 2

What's Coming

Break

10 mins